

2/5/1 DIALOG(R)File 351:Derwent WPI (c) 2002 Thomson Derwent. All rts. reserv.

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WPI Acc No: 1984-265465/198443

XRAM Acc No: C84-112269

**Scalp hair growth promoting compsn. - comprising
antiandrogen and thyroid hormone esp. with oestrogen**

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Number of Countries: 019 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2138286	A	19841024	GB 8310543	A	19830419	198443 B
EP 123528	A	19841031	EP 84302686	A	19840419	198444
WO 8404038	A	19841025	WO 84GB135	A	19840419	198444
AU 8428284	A	19841107				198505
PT 78456	A	19841220				198507
NO 8405096	A	19850304				198516
ZA 8402986	A	19850419	ZA 842986	A	19840419	198531
JP 60501057	W	19850711	JP 84501698	A	19840419	198534
DK 8406072	A	19841218				198547
GB 2138286	B	19861008				198641
EP 123528	B	19870909				198736
CA 1226524	A	19870908				198740
DE 3465879	G	19871015				198742

Priority Applications (No Type Date): GB 8310543 A 19830419

Cited Patents: EP 33164; FR 2343474; FR 6434; GB 859546; GB 874368; PM 6434

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2138286	A		2		
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EP 123528	A	E			
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Designated States (National): AU DK JP NO US

WO 8404038	A	E			
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 123528	B	E			
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): GB 2138286 A

Compsn. comprises an antiandrogen (I) and a thyroid hormone (II).

USE - The compsns. prevent or arrest scalp hair loss and/or promote growth. They can be used by male and female patients, esp. for topical appln. twice daily. (I) is esp. medroxyprogesterone or cyproterone acetate. (I) may be mixed with an oestrogen such as oestradiol or its benzoate. Other antiandrogens having a progesterone-like activity may be used, e.g. allyloestrenol, gestronol, norgestrel, progesterone etc.

(II) is triiodothyronine or thyroxine. The compsn. is suitably a cream, gel, ointment, paste etc., e.g. contg. 0.001-5 wt.% (I), esp. 0.01-2.5%, and (II) to provide 2-200 micrograms per typical dose to the hair and scalp.

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EP 123528 A

A pharmaceutical composition for promoting scalp hair growth comprising in combination an oestrogen in a concentration above 0.01% by weight to the maximum solubility of same in its solvent, a non-oestrogenic anti-androgen in a concentration above 0.01% by weight to the maximum solubility of same in its solvent and an amount of thyroid hormone selected from 3,3-5, triiodo-L-thyronine and the pharmaceutically acceptable derivatives or precursors thereof,

sufficient to provide a concentration of at least 0.66 micro g/ml to the maximum solubility of same in its solvent. (17pp)
Title Terms: SCALP; HAIR; GROWTH; PROMOTE; COMPOSITION; COMPRISE;
ANTIANDROGENIC; THYROID; HORMONE; OESTROGEN
Derwent Class: B01; B05; D21
International Patent Class (Additional): A61K-007/06; A61K-031/56;
A61K-037/02; A61K-045/06
File Segment: CPI

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